

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Number	PU4928USw
		First Named Inventor	Pankaj AGARWAL
COMPLETE IF KNOWN			
		Application Number	
		Filing Date	
		Art Unit	
		Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BIOLOGICAL DATA SET COMPARISON METHOD

(Title of the Invention)

the specification of which

 is attached hereto

OR

 was filed on () as United States Application Number or PCT InternationalApplication Number **PCT/US2004/019932** filed June 22, 2004 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02/B attached hereto:

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION – Utility or Design Patent ApplicationDirect all correspondence to: Customer Number 23347 OR Correspondence address below

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) Pankaj	Family Name Or Surname AGARWAL
--	---

Inventor's Signature <i>Pankaj Agarwal</i>	Date 11/8/05
---	------------------------

Residence: City King of Prussia	State PA	Country US	Citizenship IN
---	--------------------	----------------------	--------------------------

Mailing Address

c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398

City Research Triangle Park	State NC	Zip Code 27709	Country US
---------------------------------------	--------------------	--------------------------	----------------------

NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) William Charles Jr.	Family Name Or Surname REISDORF
---	--

Inventor's Signature <i>W.C. Reisdorf</i>	Date 11/10/05
--	-------------------------

Residence: City King of Prussia	State PA	Country US	Citizenship US
---	--------------------	----------------------	--------------------------

Mailing Address

c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398

City Research Triangle Park	State NC	ZIP 27709	Country US
---------------------------------------	--------------------	---------------------	----------------------

<input type="checkbox"/> Additional inventors are being named on the	supplemental Additional Inventor(s) sheet(s) PTO/SB/02S or 02LR attached hereto
--	---

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Sujoy		GHOSH	
Inventor's Signature	<i>Sujoy Ghosh</i>		Date 11-10-2005
Residence: City Durham	State NC	Country US	Citizenship IN
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Vinod D.		KUMAR	
Inventor's Signature			Date
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Mark Robert		HURLE	
Inventor's Signature			Date
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Sujoy	GHOSH		
Inventor's Signature	Date		
Residence: City Durham	State NC	Country US	Citizenship IN
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Vinod D.	KUMAR		
Inventor's Signature <i>D. Vinod Kumar</i>	Date 11/7/2005		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Mark Robert	HURLE		
Inventor's Signature	Date		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

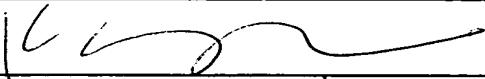
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Sujoy	GHOSH		
Inventor's Signature			
Residence: City Durham	State NC	Country US	Citizenship IN
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Vinod D.	KUMAR		
Inventor's Signature			
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Mark Robert	HURLE		
Inventor's Signature <i>Mark Robert Hurle</i>	Date 11/7/05		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Karen Stephanie	KABNICK		
Inventor's Signature			Date 11/11/05
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box			
City Research Triangle Park	State NC	ZIP 27529	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Paul Robert	MCALLISTER		
Inventor's Signature			Date
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27909	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
David Burdette	SEARLS		
Inventor's Signature			Date
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27909	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Karen Stephanie	KABNICK		
Inventor's Signature	Date		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box			
City Research Triangle Park	State NC	ZIP 27529	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Paul Robert	MCALLISTER		
Inventor's Signature	8-Nov-2005 Date		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27909	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
David Burdette	SEARLS		
Inventor's Signature	Date		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27909	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

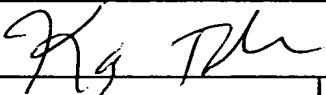
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Karen Stephanie	KABNICK		
Inventor's Signature			
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box			
City Research Triangle Park	State NC	ZIP 27529	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Paul Robert	MCALLISTER		
Inventor's Signature			
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27909	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
David Burdette	SEARLS		
Inventor's Signature	14 Nov 2005 Date		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27909	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 5 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Kay Satoshi	TATSUOKA		
Inventor's Signature 			Date 11/29/05
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Liwen	LIU		
Inventor's Signature			Date
Residence: City Durham	State NC	Country US	Citizenship CN
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Michal	MAGID-SLAV		
Inventor's Signature			Date
Residence: City King of Prussia	State PA	Country US	Citizenship IL
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 5 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Kay Satoshi	TATSUOKA		
Inventor's Signature	Date		
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Liwen	LIU		
Inventor's Signature	Nov 7, 2005 Date		
Residence: City Durham	State NC	Country US	Citizenship CN
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])	Family Name or Surname		
Michal	MAGID-SLAV		
Inventor's Signature	Date		
Residence: City King of Prussia	State PA	Country US	Citizenship IL
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 5 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Kay Satoshi		TATSUOKA	
Inventor's Signature			
Residence: City King of Prussia	State PA	Country US	Citizenship US
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Liwen		LIU	
Inventor's Signature			
Residence: City Durham	State NC	Country US	Citizenship CN
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Michal		MAGID-SLAV	
Inventor's Signature	j1/09/05 Date		
Residence: City King of Prussia	State PA	Country US	Citizenship IL
Mailing Address c/o GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398			
City Research Triangle Park	State NC	ZIP 27709	Country US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 6 of 6	
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Dmitri V		ZAYKIN	
Inventor's Signature			Date 11/17/05
Residence: City Raleigh	State NC	Country US	Citizenship RU
Mailing Address 2416 GoldFinch Way			
City Raleigh	State NC	ZIP 27606	Country US
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	ZIP	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PCT
POWER OF ATTORNEY

The undersigned applicant:

SMITHKLINE BEECHAM CORPORATION

Having its registered office at One Franklin Plaza, PO Box 7929, Philadelphia, PA 19101

hereby makes, constitutes and appoints

Charles E. Dadswell	Robert H. Brink	John L Lemanowicz	Frank P. Grassler
James P. Rick	Loric Ann Morgan	Bonnie L. Deppenbrock	Virginia G. Campen
Robert J. Smith	Karen L. Prus	Amy H. Fix	Michael M. Conger
J. Michael Strickland	Jennifer L. Fox	Alice P. Bradney	Kimberly H. Parker
John Scott Young	Kathryn L. Coulter		

all having an address at: GlaxoSmithKline, Corporate Intellectual Property, Five Moore Drive, P.O. Box 13398, Research Triangle Park, North Carolina 27709 USA, and

Stephen Venetianer	Dara L. Dinner	Edward R. Gimmi	Laura K. Madden
James M. Kanagy	Wayne J. Dustman	Kathryn L. Sieburth	Andrea Winslow
Theodore R. Furman	Nora Stein-Fernandez	William R. Majarian	Andrea Lockenour
Linda E. Hall	Loretta J. Henderson	Elizabeth J. Hecht	Grace C. Hsu
Mary E. McCarthy	Soma G. Simon	James C. Kellerman	Chris P Miller
Charles M. Kinzig	Reid S. Willis	Jason C. Fedon	William T. Han

all having an address at: GlaxoSmithKline, 709 Swedeland Road, King of Prussia, Pennsylvania 19406-0919, USA, and

as attorneys to act on applicant's behalf before the United States Patent & Trademark Office, an Office of the Patent Cooperation Treaty, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority, and

Suzanne Jane BAKER, Siân C. BILLSON, Fiona R. BOR, Anthony P. BREEN, Susan A. CHIAPPINELLI, Karen CRAWLEY, Anthony C. CONNELL, Tracey COOKE, Marcus J.W. DALTON, Hugh B.DAWSON Peter J.DOLTON, Richard L. EASEMAN, Wendy A. FILLER, Julia A.FLORENCE, Peter J. GIDDINGS, Amanda R. GLADWIN, Carolyn J. GODDARD, Lucie V. KNIGHT, Ric KONDO, Geoffrey M.P. LAWRENCE, Stephanie A. LEARODY, Michael J. LUBIENSKI, Marina E. MAURO, Denise McKINNEY, Miriam E. MORRIS, Guy C. NASII, Alexander W.G. POVEY, Ruth E. PRIESTLEY, Judith PRITCHARD, Kathryn L. PRIVETT, Helen K.QUILLEN, Michael A. REED, Julie F. REEVES, Jason N. RICE, Victoria J. RILEY, David ROBERTS, Janette Y. ROWDEN, Keith RUTTER, Richard C. SEWELL, Andrew D. SIURE, Robert STEPHEN, Dian E. STEVENSON, Michael J. STOTT, Clive B. THOMPSON, Rachel M. THORNLEY, Arthur W.R. TYRRELL, Jill B. VALENTINE, Ralph F. WALKER, Vivien WEST, Susan M. WHITE, all of: GlaxoSmithKline, Corporate Intellectual Property, CN925.1, 980 Great West Road, Brentford, Middlesex, TW8 9GS, Great Britain

as attorneys to act on applicant's behalf before the PCT International Bureau, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority.

Date: 06/01/2005

SMITHKLINE BEECHAM CORPORATION

By: 

Charles E. DADSWELL

Attorney (Resolution attached)

PCT
POWER OF ATTORNEY

The undersigned, William Charles REISDORF, Jr., a citizen of the United States of America whose address is: c/o GlaxoSmithKline, 709 Swedeland Road, King of Prussia, Pennsylvania 19406 hereby makes, constitutes and appoints

David J. Levy	Charles E. Dadswell	Robert H. Brink	John L. Lemanowicz
Frank P. Grassler	James P. Riek	Lorie Ann Morgan	Bonnie L. Deppenbrock
Virginia C. Bennett	Robert J. Smith	Karen L. Prus	Amy H. Fix
Michael M. Conger	J. Michael Strickland	Jennifer L. Fox	Alice P. Bradney
John Scott Young	Kathryn L. Coulter		

all having an address at: GlaxoSmithKline, Corporate Intellectual Property, Five Moore Drive, P.O. Box 13398, Research Triangle Park, North Carolina 27709 USA, and

Charles M. Kinzig	Wayne J. Dustman	Jason C. Fedon	Laura K. Madden
Stephen Venetianer	Nora Stein-Fernandez	William R. Majarian	William T. Han
James M. Kanagy	Edward R. Gimmi	Mary E. McCarthy	Soma G. Simon
Linda E. Hall	Loretta J. Henderson	Dara L. Dinner	Yuriy P. Stercho
Theodore R. Furman	Kathryn L. Sieburth	Elizabeth J. Hecht	

all having an address at: GlaxoSmithKline, 709 Swedeland Road, King of Prussia, Pennsylvania 19406-0939, USA, and

as attorneys to act on applicant's behalf before the United States Patent & Trademark Office, an Office of the Patent Cooperation Treaty, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority, and

Fiona R Bor, Anthony P Breen, Karen Crawley; Anthony C Connell; Marcus J William Dalton; Hugh B Dawson; Peter I Dolton; Richard L Easeman; Wendy A Filler; Julia A Florence; Peter J Giddings; Amanda R Gladwin, Ruth E Hackett; Sian C Hockley; Peter P Lawton; Stephanie A Learoyd; Michael J Lubienski; Marina E Mauro, Denise McKinnell, Miriam E Morris; Kathryn L Privett; Helen K Quillin; Michael A Reed; Janette Y Rowden, Julie F Reeves; David Roberts; Brian J Russell; Keith Rutter; Robert Stephen; Michael J Stott; Andrew J. Teuten, Clive B Thompson; Rachel M Thornley; Arthur W R Tyrrell; Jill B Valentine; Ralph F Walker; David M Waters; Vivien West; and Susan M White, all of: GlaxoSmithKline, Corporate Intellectual Property, CN925.1, 980 Great West Road, Brentford, Middlesex, TW8 9GS, Great Britain

as attorneys to act on applicant's behalf before the PCT International Bureau, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority.

Signature: W.C.R.J.

Date: 11/10/05 Place: King of Prussia, PA, USA

PCT
POWER OF ATTORNEY

The undersigned, Sujov GHOSH, a citizen of India whose address is: c/o GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709-3398, hereby makes, constitutes and appoints:

Charles E. Dadswell	Robert H. Brink	John L Lemanowicz	Frank P. Grassler
James P. Riek	Lorie Ann Morgan	Bonnie L. Deppenbrock	Virginia G. Campen
Robert J. Smith	Karen L. Prus	Amy H. Fix	Michael M. Conger
J. Michael Strickland	Jennifer L. Fox	Alice P. Bradney	Kimberly H. Parker
John Scott Young	Kathryn L. Coulter		

all having an address at: GlaxoSmithKline, Corporate Intellectual Property, Five Moore Drive, P.O. Box 13398, Research Triangle Park, North Carolina 27709 USA, and

Charles M. Kinzig	Wayne J. Dustman	Jason C. Fedon	Laura K. Madden
Stephen Venetianer	Nora Stein-Fernandez	William R. Majarian	William T. Han
James M. Kanagy	Edward R. Gimmi	Mary E. McCarthy	Soma G. Simon
Linda E. Hall	Loretta J. Henderson	Dara L. Dinner	Reid S. Willis
Theodore R. Furman	Kathryn L. Sieburth	Elizabeth J. Hecht	James Kellerman
Andrea Winslow	Andrea Lockenour	Grace C. Hsu	Chris P. Miller

all having an address at: GlaxoSmithKline, 709 Swedeland Road, King of Prussia, Pennsylvania 19406-0939, USA, and

as attorneys to act on applicant's behalf before the United States Patent & Trademark Office, an Office of the Patent Cooperation Treaty, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority, and

Suzanne J. BAKER, Siân C. BILLSON, Fiona R. BOR, Anthony P BREEN, Susan A CHIAPPINELLI, Karen CRAWLEY, Anthony C CONNELL, Tracey COOKE, Marcus J.W. DALTON, Hugh B. DAWSON, Peter I. DOLTON, Richard L. EASEMAN, Wendy A. FILLER, Julia A. FLORENCE, Peter J. GIDDINGS, Amanda R. GLADWIN, Carolyn J. GODDARD, Lucie V. KNIGHT, Ric KONDO, Geoffrey M.P. LAWRENCE, Stephanie A. LEAROYD, Michael J. LUBIENSKI, Marina E. MAURO, Denise McKINNELL, Miriam E. MORRIS, Guy C. NASH, Alexander W.G. POVEY, Ruth E. PRIESTLEY, Judith PRITCHARD, Kathryn L. PRIVETT, Helen K. QUILLIN, Michael A. REED, Julie F. REEVES, Jason N. RICE, Victoria J. RILEY, David ROBERTS, Janette Y ROWDEN, Keith RUTTER, Richard C. SEWELL, Andrew D. SHORE, Robert STEPHEN, Dian E. STEVENSON, Michael J. STOTT, Clive B. THOMPSON, Rachel M. THORNLEY, Arthur W.R. TYRRELL, Jill B. VALENTINE, Ralph F. WALKER, Vivien WEST, Susan M. WHITE: GlaxoSmithKline, Corporate Intellectual Property, CN925, 1, 980 Great West Road, Brentford, Middlesex, TW8 9GS, Great Britain

as attorneys to act on applicant's behalf before the PCT International Bureau, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority.

Signature: Sujov Ghosh

Date: 11-10-2005 Place: Durham, NC 27709

PCT
POWER OF ATTORNEY

The undersigned, **Vinod D. KUMAR**, a citizen the United States of America whose address is: c/o GlaxoSmithKline, 709 Swedeland Road, King of Prussia, Pennsylvania 19406 hereby makes, constitutes and appoints

David J. Levy	Charles E. Dadswell	Robert H. Brink	John L Lemanowicz
Frank P. Grassler	James P. Riek	Lorie Ann Morgan	Bonnie L. Deppenbrock
Virginia C. Bennett	Robert J. Smith	Karen L. Prus	Amy H. Fix
Michael M. Conger	J. Michael Strickland	Jennifer L. Fox	Alice P. Bradney
John Scott Young	Kathryn L. Coulter		

all having an address at: GlaxoSmithKline, Corporate Intellectual Property, Five Moore Drive, P.O. Box 13398, Research Triangle Park, North Carolina 27709 USA, and

Charles M. Kinzig	Wayne J. Dustman	Jason C. Fedon	Laura K. Madden
Stephen Venetianer	Nora Stein-Fernandez	William R. Majarian	William T. Han
James M. Kanagy	Edward R. Gimmi	Mary E. McCarthy	Soma G. Simon
Linda E. Hall	Loretta J. Henderson	Dara L. Dinner	Yuriy P. Stercho
Theodore R. Furman	Kathryn L. Sieburth	Elizabeth J. Hecht	

all having an address at: GlaxoSmithKline, 709 Swedeland Road, King of Prussia, Pennsylvania 19406-0939,USA, and

as attorneys to act on applicant's behalf before the United States Patent & Trademark Office, an Office of the Patent Cooperation Treaty, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority, and

Fiona R Bor, Anthony P Breen, Karen Crawley; Anthony C Connell; Marcus J William Dalton; Hugh B Dawson; Peter I Dolton; Richard L Easeman; Wendy A Filler; Julia A Florence; Peter J Giddings; Amanda R Gladwin, Ruth E Hackett; Sian C Hockley; Peter P Lawton; Stephanie A Learoyd; Michael J Lubienski; Marina E Mauro, Denise McKinnell, Miriam E Morris; Kathryn L Privett; Helen K Quillin; Michael A Reed; Janette Y Rowden, Julie F Reeves; David Roberts; Brian J Russell; Keith Rutter; Robert Stephen; Michael J Stott; Andrew J. Teuten, Clive B Thompson; Rachel M Thornley; Arthur W R Tyrrell; Jill B Valentine; Ralph F Walker; David M Waters; Vivien West; and Susan M White, all of: GlaxoSmithKline, Corporate Intellectual Property, CN925.1, 980 Great West Road, Brentford, Middlesex, TW8 9GS, Great Britain

as attorneys to act on applicant's behalf before the PCT International Bureau, or any foreign Patent Office in connection with any and all national and international applications filed by applicant to make or receive payments on applicant's behalf and to appoint additional agents or attorneys for purpose of acting before a PCT International Preliminary Examining Authority.

Signature: D. Vinod Kumar

Date: 11/7/2005 Place: King of Prussia, PA, USA